

What is claimed is:

6. A method for converting to same phase power supply from three phase power system comprising:
 - (a) Receiving a fault or overload trip signal from main power lines;
 - (b) Operating an interlock of three phase circuit brakers to switch off main power lines and switch on same phase power line with a three phase to same phase conversion switch;
 - (c) Categorizing power consumption subscribers by emergency and non-emergency groups in a way to minimize the power shut down impact on the subscribers and differentiate the charge rates between the emergency and non-emergency subscribers;
 - (d) Selecting one of three phase power line as power source of the same phase power supply by means of a selection switch; and
 - (e) Feeding power to load systems of three-phase four-wire with neutral line grounded and single-phase two-wire with one line grounded, wherein the grounded lines are connected to neutral line of the main power.
7. A method for converting to same phase power supply from three phase power system as set forth in claim 6, wherein the conversion switch has three poles connected in short circuit at primary side and three poles kept separate at secondary side.
8. A method for converting to same phase power supply from three phase power system as set forth in claim 6, wherein the selection switch is a three to one (3-1) selection switch.
9. A method for converting to same phase power supply from three phase power system as set forth in claim 6, wherein the categories of subscribers are determined by subscription scheme of power company and controlled by use of circuit breakers.
10. A method for converting to same phase power supply from three phase power system as set forth in claim 6, wherein the selection of one of three phase power line as power source is determined by power company based on load balance of power system.